



## MSHA's Accident Prevention Program Innovative Products

### 100% Tie-Off Fall Protection System



100% tie-off systems that incorporate self retracting lanyards (SRL) with innovative mounting brackets attached to the harness back D-ring are now available. These systems may be an alternative for conventional double lanyard systems often referred to as "double leg", "twin tail", or "Y-lanyards" for 100% tie-off.

Remember these lanyards were designed to allow you to stay protected (100% tie-off) while you move from one location to another (Examples may be transitioning from a man lift to a roof top, climbing vertically or from vertical structural steel to a horizontal structural steel lifeline.). In an alternating or "leap-frog" fashion the user attaches one SRL to an anchorage point, moves to a new location, attaches the second SRL, then disconnects the first SRL and moves again. An advantage of using double SRLs versus conventional double legged shock absorbing lanyards is maintaining a shorter fall distance and eliminating the need for different fall protection equipment to address changes in fall clearance.



For information on manufacturers that are known to MSHA to have such products available, contact MSHA's Applied Engineering Division at 304-547-0400 or e-mail [InnovativeProducts@dol.gov](mailto:InnovativeProducts@dol.gov).

Remember, "SAFETY - Something YOU can live with."